

Project Title	Funding	Strategic Plan Objective	Institution
Why do people with autism spectrum disorders fare so differently in adult life?	\$0	Q6.S.A	King's College London
Why are autistic females rare and severe? An approach to autism gene identification.	\$28,600	Q2.S.B	Johns Hopkins University
Whole-exome sequencing to identify causative genes for autism	\$350,000	Q3.L.B	University of California, San Diego
Whole Exome Sequencing of Simons Simplex Trios	\$114,106	Q3.L.B	Yale University
Whole exome sequencing of Simons Simplex Collection quads	\$1,835,440	Q3.L.B	University of Washington
Whole exome sequencing of Simons Simplex Collection quads	\$2,110,073	Q3.L.B	Yale University
Vulnerability phenotypes and susceptibility to environmental toxicants: From organism to mechanism	\$0	Q3.S.E	University of Rochester
Visualizing voice	\$0	Q4.S.G	University of Illinois at Urbana Champaign
Very early behavioral indicators of ASD risk among NICU infants: A prospective study	\$149,986	Q3.S.H	Institute for Basic Research in Developmental Disabilities
Validity of a web-based indirect Skills Assessment	\$107,000	Q5.L.A	Center for Autism and Related Disorders (CARD)
Validation of web-based administration of the M-CHAT-R with Follow-up (M-CHAT-R/F)	\$149,999	Q1.S.B	Georgia State University
Validation of a screening questionnaire for ASD in older children	\$50,000	Q1.S.A	Southwest Autism Research & Resource Center (SARRC)
Using zebrafish and chemical screening to define function of autism genes	\$0	Q4.S.B	Whitehead Institute for Biomedical Research
Using Parent Report to Identify Infants Who Are at Risk for Autism Spectrum Disorder (ASD)	\$128,314	Q1.S.B	University of North Carolina
Using near-infrared spectroscopy to measure the neural correlates of social and emotional development in infants at risk for autism spectrum disorder	\$15,000	Q1.L.A	Harvard University
Using near-infrared spectroscopy to measure the neural correlates of social and emotional development in infants at risk for autism spectrum disorder	\$0	Q2.Other	University of New South Wales
Using lag schedules of reinforcement to teach play skills to children with autism spectrum disorders	\$20,000	Q4.L.D	Texas State University
Using induced-pluripotent stem cells to study Phelan McDermid Syndrome	\$40,000	Q4.S.B	Stanford University School of Medicine
Using high definition fiber tracking to define developmental neurobiologic mechanisms & a neural basis for behavioral heterogeneity	\$25,000	Q2.Other	Carnegie Mellon University
Using fruit flies to map the network of autism-associated genes	\$156,245	Q2.Other	University of California, San Diego
Using an internet-based program to teach a naturalistic intervention to parents of children with ASD	\$0	Q5.L.C	Michigan State University
Using a direct observation assessment battery to assess outcome of early intensive behavioral intervention for children with autism	\$10,000	Q1.L.B	New England Center for Children

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Urokinase-type plasminogen activator plasma concentration and its relationship to hepatocyte growth factor (HGF) and GABA levels in autistic children	\$8,505	Q2.Other	Hartwick College
Upper motor neuron plasticity in the MeCP2-duplication syndrome of autism	\$62,500	Q2.S.D	Baylor College of Medicine
Understanding the genetic basis of autism	\$6,557,422	Q3.L.B	Cold Spring Harbor Laboratory
Understanding the etiological significance of attentional disengagement in infants at-risk for ASD	\$46,000	Q2.L.A	Boston Children's Hospital
Understanding the brain basis of impaired imitation learning in autism	\$55,200	Q2.Other	Kennedy Krieger Institute
Understanding the basic neurobiology of Pitt-Hopkins syndrome	\$60,000	Q2.S.D	The University of Alabama at Birmingham
Understanding copy number variants associated with autism	\$125,000	Q4.S.B	Duke University Medical Center
Underlying mechanisms in a cerebellum-dependent model of autism	\$60,000	Q2.S.D	Harvard Medical School
UC Davis Center for Children's Environmental Health (CCEH) Bridge	\$75,000	Q3.S.F	University of California, Davis
Tuning anxiety out: Exploring the potential of noise cancellation in ASD sound sensitivity	\$100,000	Q4.S.C	Brunel University
TrkB agonist therapy for sensorimotor dysfunction in Rett syndrome	\$147,806	Q2.S.D	Case Western Reserve University
Treatment of children with ASD and epileptiform EEG with divalproex sodium	\$68,088	Q4.S.A	Boston Children's Hospital
Transitions from augmentative or alternative communication (AAC) to speech: A pilot investigation	\$0	Q4.S.G	University of Kansas
Transitioning Together: An intervention program for adolescents with ASD and their families	\$0	Q5.Other	Waisman Center
Transcriptional responsiveness in lymphoblastoid cell lines	\$0	Q2.Other	University of Pennsylvania
Training paraprofessionals to provide appropriate social opportunities for children with ASD	\$20,000	Q5.L.C	University of California, Santa Barbara
To study the relationship between low GAD2 levels and anti-GAD antibodies in autistic children	\$7,260	Q2.S.A	Hartwick College
TMLHE deficiency and a carnitine hypothesis for autism	\$60,000	Q2.S.D	Baylor College of Medicine
The use of non-invasive brain stimulation to improve social relating in autism spectrum disorders	\$0	Q4.S.F	Monash University
The Simons Center for Social Brain at MIT	\$6,000,000	Q7.K	Massachusetts Institute of Technology
The role of UBE3A in autism	\$312,501	Q2.S.D	Harvard Medical School
The role of the GRIP protein complex in AMPA receptor trafficking and autism spectrum disorders	\$0	Q2.Other	Johns Hopkins University

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The role of SHANK3 in autism spectrum disorders	\$0	Q4.S.B	Mount Sinai School of Medicine
The role of serotonin in social bonding in animal models	\$30,000	Q3.S.K	University of California, Davis
The role of neuroligin IV in central nervous system development	\$100,466	Q2.Other	University of California, Los Angeles
The role of mTOR inhibitors in the treatment of autistic symptoms in symptomatic infantile spasms	\$0	Q2.S.E	Albert Einstein College of Medicine of Yeshiva University
The role of glutamate receptor interacting proteins in autism	\$312,500	Q4.S.B	Johns Hopkins University School of Medicine
The role of genetics in communication deficits in autism spectrum disorders	\$60,000	Q2.S.D	University of Pennsylvania
The role of CNTNAP2 in embryonic neural stem cell regulation	\$0	Q2.Other	Johns Hopkins University School of Medicine
The neural basis of weak central coherence in autism spectrum disorders	\$13,040	Q2.Other	Yale University
The mechanism of the maternal infection risk factor for autism	\$150,000	Q2.S.A	California Institute of Technology
The mechanism of mutations in heterochromatin related genes in ASD	\$61,625	Q3.S.J	Hebrew University of Jerusalem
The frequency of polymorphisms in maternal- and paternal-effect genes in autism spectrum	\$152,545	Q3.L.B	The Pennsylvania State University
The effects of the Hane Face Window© on perceptual processing of children with autism spectrum disorders (ASD)	\$16,300	Q4.S.C	University of Minnesota
The effects of disturbed sleep on sleep-dependent memory consolidation and daily function in individuals with ASD	\$90,480	Q2.S.E	Beth Israel Deaconess Medical Center
The effects of behavioral intervention on neurological measures of working memory	\$40,811	Q4.S.F	Center for Autism and Related Disorders (CARD)
The effectiveness of an evidence-based parent training intervention in a community service setting	\$0	Q4.L.D	University of California, San Diego
The Brain Genomics Superstruct Project	\$150,000	Q2.L.B	Harvard University
Thalamocortical connectivity in children and adolescents with ASD-A combined fMRI and DTI approach	\$28,600	Q2.Other	San Diego State University
Testing the use of helminth worm ova in treating autism spectrum disorders	\$124,802	Q4.L.A	Montefiore Medical Center
Temporally controlled genetic rescue of Shank3 autism model	\$60,000	Q4.S.B	University of Texas Southwestern Medical Center
Teaching stranger safety skills to children with autism	\$25,000	Q5.L.D	Center for Autism and Related Disorders (CARD)
Teaching children with autism to respond to subtle social cues: Desires	\$29,151	Q4.L.D	Center for Autism and Related Disorders (CARD)
Teaching children with autism to identify social saliency: Shifting attention	\$29,150	Q4.L.D	Center for Autism and Related Disorders (CARD)

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Teaching children with autism to identify others' knowledge	\$11,660	Q4.L.D	Center for Autism and Related Disorders (CARD)
Teaching children with autism to detect deception	\$24,904	Q4.L.D	Center for Autism and Related Disorders (CARD)
Teaching children with autism to deal with jealousy constructively	\$5,830	Q4.L.D	Center for Autism and Related Disorders (CARD)
Teaching children with autism self-monitoring skills	\$40,811	Q4.L.D	Center for Autism and Related Disorders (CARD)
Teaching children with ASD to tell socially appropriate "white lies"	\$18,078	Q4.Other	Center for Autism and Related Disorders (CARD)
Synaptic pathophysiology of 16p11.2 model mice	\$125,000	Q4.S.B	Massachusetts Institute of Technology
Synaptic and circuitry mechanisms of repetitive behaviors in autism	\$47,041	Q4.S.B	Massachusetts Institute of Technology
Survey of services needs of adults with ASD	\$25,000	Q6.S.A	Kennedy Krieger Institute
Supplement to NIH ACE Network grant: "A longitudinal MRI study of infants at risk for autism"	\$180,000	Q1.L.A	University of North Carolina at Chapel Hill
Subependymal zone function in autism spectrum disorders	\$59,560	Q2.Other	University of Oxford
Studying the neural development of patient-derived stem cells	\$156,250	Q4.S.B	Johns Hopkins University School of Medicine
Studying Rett and Fragile X syndrome in human ES cells using TALEN technology	\$0	Q2.S.D	Whitehead Institute for Biomedical Research
Strengthening the effects of parent-implemented early intervention to improve symptoms of ASD	\$250,080	Q4.S.D	University of Washington
Strengthening the effects of parent-implemented early intervention to improve symptoms of ASD	\$0	Q4.S.D	University of California, Davis
Stimulus preceding negativity and social stimuli in autism spectrum disorder	\$28,600	Q2.Other	University of California, San Diego
Stimulus-driven attention deficits in autism	\$0	Q2.Other	University of Minnesota
Spatial attention in autism spectrum disorders	\$28,600	Q2.Other	New York University
South Carolina Children's Educational Surveillance Study: Comparison of DSM-IV & DSM-5 prevalence	\$43,198	Q1.Other	Medical University of South Carolina
Social processing, language, and executive functioning in twin pairs: Electrophysiological and behavioral endophenotypes	\$150,000	Q2.S.G	University of Washington
Social-pragmatic treatment for adults with autism spectrum disorder: The Interview Skills Curriculum	\$0	Q6.L.A	Florida State University
Social interaction and reward in autism: Possible role for ventral tegmental area	\$62,496	Q2.Other	University of Geneva
Social cognition in 22q11.2 deletion syndrome (DS) adolescents with ASD vs. without ASD: Imaging and genetic correlates	\$0	Q2.S.G	State University of New York Upstate Medical Center
Social behavior deficits in autism: Role of amygdala	\$0	Q2.Other	State University of New York Upstate Medical Center

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Social and occupational outcomes for adults with ASD	\$50,000	Q6.Other	Mayo Clinic
Small-molecule compounds for treating autism spectrum disorders	\$350,000	Q4.S.B	University of North Carolina at Chapel Hill
Single-unit recordings in neurosurgical patients with autism	\$55,200	Q2.S.E	California Institute of Technology
Single-unit recordings from the amygdala in people with autism	\$0	Q2.S.E	California Institute of Technology
Simons Variation in Individuals Project (VIP) Structural Imaging and Phenotyping Site - SCAP-local	\$217,322	Q2.S.G	The Children's Hospital of Philadelphia
Simons Variation in Individuals Project (VIP) Statistical Core Site	\$136,125	Q2.S.G	Columbia University
Simons Variation in Individuals Project (VIP) Site	\$466,763	Q2.S.G	Baylor College of Medicine
Simons Variation in Individuals Project (VIP) Site	\$436,833	Q2.S.G	University of Washington
Simons Variation in Individuals Project (VIP) Site	\$768,296	Q2.S.G	Boston Children's Hospital
Simons Variation in Individuals Project (VIP) Recruitment Coordination Site	\$98,087	Q2.S.G	Weis Center for Research - Geisinger Clinic
Simons Variation in Individuals Project (VIP) Principal Investigator	\$126,453	Q2.S.G	Columbia University
Simons Variation in Individuals Project (VIP) Imaging Analysis Site	\$137,106	Q2.S.G	Harvard University
Simons Variation in Individuals Project (VIP) Functional Imaging Site	\$1,299,083	Q2.S.G	University of California, San Francisco
Simons Variation in Individuals Project (VIP) Functional Imaging Site	\$736,449	Q2.S.G	The Children's Hospital of Philadelphia
Simons Variation in Individuals Project (VIP) Core Neuroimaging Support Site	\$513,646	Q2.S.G	University of California, San Francisco
Simons Variation in Individuals Project (Simons VIP) Principal Investigator Gift	\$73,534	Q2.S.G	Columbia University
Simons Variation in Individuals Project (Simons VIP) Core Leader Gift	\$0	Q2.S.G	University of California, San Francisco
Simons Variation in Individuals Project (Simons VIP)	\$706,044	Q2.S.G	Emory University
Simons Variation in Individual Project (Simons VIP) Core Leader Gift	\$0	Q2.S.G	Boston Children's Hospital
Simons Simplex Community at the Interactive Autism Network (SSC@IAN)	\$417,500	Q7.C	Kennedy Krieger Institute
Simons Simplex Collection support grant	\$30,000	Q3.L.B	Yale University
Simons Simplex Collection support grant	\$29,752	Q3.L.B	University of Washington
Simons Simplex Collection support grant	\$30,000	Q3.L.B	University of Illinois at Chicago
Simons Simplex Collection support grant	\$30,000	Q3.L.B	Vanderbilt University Medical Center

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Simons Simplex Collection support grant	\$34,200	Q3.L.B	Weill Cornell Medical College
Simons Simplex Collection support grant	\$30,040	Q3.L.B	McGill University Health Centre- Montreal Children's Hospital
Simons Simplex Collection support grant	\$30,000	Q3.L.B	Baylor College of Medicine
Simons Simplex Collection support grant	\$1,430	Q3.L.B	Columbia University
Simons Simplex Collection support grant	\$30,000	Q3.L.B	Boston Children's Hospital
Simons Simplex Collection support grant	\$30,000	Q3.L.B	University of California, Los Angeles
Simons Simplex Collection support grant	\$30,000	Q3.L.B	University of Missouri
Simons Simplex Collection support grant	\$30,682	Q3.L.B	Emory University
Simons Simplex Collection Site	\$0	Q3.L.B	Columbia University
Simons Simplex Collection Site	\$0	Q3.L.B	Emory University
Simons Simplex Collection Site	\$0	Q3.L.B	University of California, Los Angeles
Simons Simplex Collection Site	\$0	Q3.L.B	University of Missouri
Simons Simplex Collection Site	\$0	Q3.L.B	Baylor College of Medicine
Simons Simplex Collection Site	\$0	Q3.L.B	University of Illinois at Chicago
Simons Simplex Collection Site	\$44,598	Q3.L.B	The Research Institute of the McGill University Health Centre
Simons Simplex Collection Site	\$0	Q3.L.B	Vanderbilt University
Simons Simplex Collection Site	\$75,000	Q3.L.B	University of Washington
Simons Simplex Collection Site	\$96,641	Q3.L.B	Yale University
Simons Simplex Collection Site	\$123,678	Q3.L.B	University of Michigan
Simons Simplex Collection Site	\$51,656	Q3.L.B	Boston Children's Hospital
Simons Foundation Simplex Project Collection Site	\$0	Q3.L.B	Weill Cornell Medical College
Shank3 mutant characterization in vivo	\$0	Q4.S.B	University of Texas Southwestern Medical Center
SFARI Conferences, Workshops & Events	\$665,195	Q7.Other	N/A
Sequence-based discovery of genes with pleiotropic effects across diagnostic boundaries and throughout the lifespan	\$0	Q3.L.B	Massachusetts General Hospital and Harvard University
Screening, diagnosis and parent training for young children with ASD in Albania	\$99,960	Q5.L.A	University of Connecticut
Salivary melatonin as a biomarker for response to sleep interventions in children with autism	\$0	Q2.S.E	University of Colorado Denver
Rutgers, The State University of New Jersey	\$368,041	Q7.D	Rutgers, The State University of New Jersey
Roles of miRNAs in regulation of Foxp2 and in autism	\$45,000	Q2.Other	Louisiana State University
Role of UBE3A in neocortical plasticity and function	\$77,686	Q4.S.B	University of North Carolina at Chapel Hill

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Role of RAS/RAF/ERK pathway in pathogenesis and treatment of autism	\$0	Q4.S.B	New York State Institute for Basic Research in Developmental Disabilities
Role of neurexin in the amygdala and associated fear memory	\$175,000	Q2.Other	Columbia University
Role of negative regulators of FGF signaling in frontal cortex development and autism	\$45,000	Q2.Other	University of California, San Francisco
Role of microglial activation in the serotonergic and neuroimmune disturbances underlying autism	\$50,000	Q2.S.A	Hamamatsu University School of Medicine
Role of microglia and complement at developing synapses in ASD	\$60,001	Q2.S.A	Boston Children's Hospital
Role of major vault protein in autism	\$59,972	Q2.Other	Yale University
Role of intracellular mGluR5 in fragile X syndrome and autism	\$75,000	Q2.S.D	Washington University in St. Louis
Role of CNTNAP2 in neuronal structural development and synaptic transmission	\$53,500	Q2.Other	Stanford University
Role of Caspr2 (CNTNAP2) in brain circuits - Project 2	\$79,584	Q4.S.B	University of California, Los Angeles
Role of Caspr2 (CNTNAP2) in brain circuits - Project 1	\$79,525	Q4.S.B	Universidad Miguel Hernandez
Role of Caspr2 (CNTNAP2) in brain circuits- Core	\$89,999	Q4.S.B	Weizmann Institute of Science
Role of cadherin-8 in the assembly of prefrontal cortical circuits	\$155,940	Q4.S.B	Mount Sinai School of Medicine
Role of astrocytic glutamate transporter GLT1 in fragile X	\$40,000	Q4.S.B	Tufts University
Role of a novel Wnt pathway in autism spectrum disorders	\$300,000	Q4.S.B	University of California, San Francisco
RNA expression studies in autism spectrum disorders	\$500,000	Q1.L.A	Boston Children's Hospital
RNA dysregulation in autism	\$125,000	Q2.Other	The Rockefeller University
Retrograde synaptic signaling by Neurexin and Neuroligin in C. elegans	\$250,000	Q2.Other	Massachusetts General Hospital
Response interruption and redirection for stereotypy	\$25,000	Q5.L.A	Center for Autism and Related Disorders (CARD)
Research project about a potential infectious origin of autism	\$0	Q3.S.E	Institut de Recherche Luc Montagnier
Remote parent training project	\$50,000	Q5.L.A	Southwest Autism Research & Resource Center (SARRC)
Relating copy number variants to head and brain size in neuropsychiatric disorders	\$322,286	Q2.S.G	University of California, San Diego
Regulation of synaptogenesis by cyclin-dependent kinase 5	\$0	Q2.Other	Massachusetts Institute of Technology
Regulation of gene expression in ASD through a novel polycomb complex	\$100,855	Q3.S.J	New York University School of Medicine

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Regulation of cortical critical periods in a mouse model of autism	\$60,000	Q2.S.D	Northwestern University
Regressive autism as an infectious disease: Role of the home as an environmental factor	\$25,064	Q3.S.I	VA Medical Center, Los Angeles
Rat knockout models of ASD	\$100,441	Q4.S.B	Baylor College of Medicine
Randomized trial of a web-based system for building behavior intervention plans	\$58,301	Q5.L.A	Center for Autism and Related Disorders (CARD)
Randomized phase 2 trial of RAD001 (an MTOR inhibitor) in patients with tuberous sclerosis complex	\$65,000	Q4.L.A	Boston Children's Hospital
Randomized controlled trial of oxytocin treatment for social deficits in children with autism	\$50,600	Q4.L.A	Stanford University
Randomized clinical trial of mind reading and in vivo rehearsal for children with HFASDs	\$20,000	Q4.S.F	Canisius College
Quantitative proteomic approach towards understanding and treating autism	\$75,000	Q2.S.D	Emory University
Quantitative analysis of effect of autism-related genes on behavioral regulation	\$102,000	Q4.S.B	University of California, San Francisco
Quality of life during midlife in adults with ASD	\$149,999	Q6.S.A	Waisman Center
PsychoGenics Inc.	\$147,925	Q4.S.B	PsychoGenics Inc.
Proteome and interaction networks in autism	\$156,250	Q2.Other	Harvard Medical School
Prosodic and pragmatic training in highly verbal children with autism	\$100,000	Q4.Other	Harvard University
Prosodic and pragmatic processes in highly verbal children with autism	\$0	Q1.L.C	President & Fellows of Harvard College
Prometheus Research, LLC	\$2,549,095	Q7.N	Prometheus Research, LLC
Probing the temporal dynamics of aberrant neural communication and its relation to social processing deficits in autism spectrum disorders	\$0	Q2.Other	University of Pittsburgh
Probing the neural basis of social behavior in mice	\$62,500	Q2.S.D	Massachusetts Institute of Technology
Probing synaptic receptor composition in mouse models of autism	\$124,998	Q2.S.D	Boston Children's Hospital
Probing a monogenic form of autism from molecules to behavior	\$0	Q2.S.D	Stanford University
Prevalence and patterns of medical co-morbidity and healthcare use before ASD diagnoses in children	\$149,999	Q3.S.E	Kaiser Foundation Research Institute
Preference acquisition in children and adolescents with and without autism spectrum disorder	\$0	Q2.Other	Dalhousie University
Predictive factors of participation in employment for high school leavers with autism	\$24,622	Q6.S.A	Columbia University
Predicting outcomes in autism with functional connectivity MRI	\$0	Q1.L.B	National Institute of Mental Health



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Preclinical therapeutic target validation of glutamate receptors in Shank3 models of autism	\$56,900	Q4.S.B	University of Texas Southwestern Medical Center
Postural and vocal development during the first year of life in infants at heightened biological risk for AS	\$30,000	Q1.L.A	University of Pittsburgh
Pivotal response group treatment for parents of young children with autism	\$0	Q4.L.D	Stanford University
PI3K/mTOR signaling as a novel biomarker and therapeutic target in autism	\$0	Q2.Other	Emory University
Physiological studies in a human stem cell model of 15q duplication syndrome	\$60,000	Q2.S.D	University of Connecticut
Physical and clinical infrastructure for research on infants-at-risk for autism at Yale	\$0	Q1.L.A	Yale University
Physical and clinical infrastructure for research on infants at risk for autism	\$1,549,665	Q1.L.A	Emory University
Perturbed cortical patterning in autism	\$60,000	Q2.Other	Seattle Children's Hospital
Perinatal exposure to airborne pollutants and associations with autism phenotype	\$102,717	Q3.S.C	University of Southern California
Perinatal choline supplementation as a treatment for autism	\$62,500	Q4.S.B	Boston University
Peer-mediated interventions for elementary school students with autism spectrum disorders	\$8,194	Q4.L.D	University of Colorado Denver
Pathologic and genetic characterization of novel brain cortical patches in young autistic brains	\$50,000	Q2.Other	University of California, San Francisco
Paternal age and epigenetic mechanisms in psychiatric disease	\$45,000	Q3.S.J	Research Foundation for Mental Hygiene, Inc/NYSPI
PASS: Parent-mediated intervention for autism spectrum disorders (ASD) in South Asia	\$149,993	Q4.S.D	University of Liverpool
Outcomes of a community center-based program for toddlers with autism spectrum disorders	\$9,120	Q4.L.D	University of North Carolina at Chapel Hill
Occurrence and family impact of elopement in children with ASD	\$5,000	Q5.S.D	Kennedy Krieger Institute
Novel approaches to enhance social cognition by stimulating central oxytocin release	\$149,852	Q4.S.B	Emory University
Neuroprotective effects of oxytocin receptor signaling in the enteric nervous system	\$25,000	Q2.Other	Columbia University
Neurophysiological investigation of language acquisition in infants at risk for ASD	\$0	Q1.L.A	Boston University
Neuropeptide regulation of juvenile social behaviors	\$29,550	Q2.Other	Boston College
Neuropathology of the social-cognitive network in Autism: a comparison with other structural theories	\$140,718	Q2.Other	University of Oxford
Neuregulin, oxidative stress and autism	\$150,000	Q2.Other	Oklahoma Medical Research Foundation

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Neurobiology of RAI1, the causal gene for Smith-Magenis syndrome	\$155,380	Q2.S.D	Stanford University
Neurexin-neuregulin trans-synaptic interaction in learning and memory	\$200,000	Q2.Other	Columbia University
Neural underpinning of emotion perception and its disorders	\$30,000	Q2.Other	Dartmouth College
Neural mechanisms underlying autism behaviors in SCN1A mutant mice	\$94,903	Q2.S.D	University of Washington
Neural mechanisms underlying an extended multisensory temporal binding window in ASD	\$0	Q2.Other	Vanderbilt University
Neural correlates of social perception in autism	\$30,000	Q1.L.C	Yale Child Study Center
Neural and cognitive mechanisms of autism	\$0	Q4.S.B	Massachusetts Institute of Technology
Near-infrared spectroscopy studies of early neural signatures of autism	\$149,917	Q2.L.B	Yale University
Nav1.1 channels, neural circuits, and autism	\$10,213	Q2.S.D	University of Washington
Multisensory processing in autism	\$60,000	Q2.Other	Baylor College of Medicine
Multi-registry analyses for iCARE- West Australia	\$69,485	Q3.S.H	University of Western Australia
Multi-registry analyses for iCARE- Sweden	\$11,462	Q3.S.H	Karolinska Institutet
Multi-registry analyses for iCARE - Norway	\$11,462	Q3.S.H	Norwegian Institute of Public Health
Multi-registry analyses for iCARE - Israel	\$8,980	Q3.S.H	The Gertner Institute of Epidemiology and Health Policy Research
Multi-registry analyses for iCARE - Finland	\$6,980	Q3.S.H	Turku University
Multi-registry analyses for iCARE - Denmark	\$4,478	Q3.S.H	Aarhus University
Multi-registry analyses for iCARE - Data Management Core	\$16,907	Q3.S.H	Columbia University
Multimodal neuroimaging of motor dysfunction in autism spectrum disorders	\$56,000	Q2.Other	University of Colorado Denver
Multigenic basis for autism linked to 22q13 chromosomal region	\$125,000	Q2.S.D	Hunter College of the City University of New York (CUNY) jointly with Research Foundation of CUNY
MRI study of brain development in school age children with autism	\$127,479	Q2.L.A	University of North Carolina at Chapel Hill
Mouse models of human autism spectrum disorders: Gene targeting in specific brain regions	\$400,000	Q2.S.D	University of Texas Southwestern Medical Center
Molecular signatures of autism genes and the 16p11.2 deletion	\$62,500	Q2.Other	Massachusetts General Hospital
Mobilized technology for rapid screening and clinical prioritization of ASD	\$73,456	Q1.S.B	Harvard Medical School
Mitochondria and the etiology of autism	\$437,500	Q3.L.B	The Children's Hospital of Philadelphia

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Mirtazapine treatment of anxiety in children and adolescents with pervasive developmental disorders	\$94,242	Q4.L.C	Indiana University
Mindspec, Inc.	\$924,100	Q7.Other	Mindspec, Inc.
Metabolic factors affecting gamma synchrony	\$25,000	Q4.S.C	University of Louisville
Mesocorticolimbic dopamine circuitry in mouse models of autism	\$436,362	Q2.S.D	Stanford University
Meeting grant - International Meeting for Autism Research (IMFAR)	\$25,000	Q7.K	International Meeting for Autism Research (IMFAR)
Mechanisms of synapse elimination by autism-linked genes	\$434,883	Q2.S.D	University of Texas Southwestern Medical Center
Mechanism and treatment of ASD related behavior in the Cntnap2 knockout mouse model	\$58,000	Q4.S.B	University of California, Los Angeles
Measuring imitation and motor control in severe autism	\$59,256	Q1.L.C	University of Washington
Mapping functional connectivity networks in autism spectrum disorder with diffuse optical tomography	\$55,170	Q2.Other	Washington University in St. Louis
Making words meet: Using computerized feedback to facilitate word combinations in children with ASD	\$0	Q4.S.G	University of Illinois at Urbana Champaign
Making the connection between autism, serotonin and hedgehog signaling	\$125,635	Q2.S.D	Medical Research Council-National Institute for Medical Research
Macrocephalic autism: Exploring and exploiting the role of PTEN	\$0	Q2.Other	University of Wisconsin - Madison
Looking at autism through the nose	\$75,000	Q1.L.C	Weizmann Institute of Science
Local functional connectivity in ASD	\$50,811	Q2.L.B	Massachusetts General Hospital
Local connectivity in altered excitation/inhibition balance states	\$62,500	Q2.Other	Weizmann Institute of Science
Linking autism and congenital cerebellar malformations	\$0	Q3.L.B	University of Chicago
Linguistic perspective-taking in adults with high-functioning autism: Investigation of the mirror neuron system	\$0	Q2.Other	Carnegie Mellon University
Learning in autism spectrum disorders	\$28,902	Q2.Other	University of California, Davis
Language processing in children with 22q11 deletion syndrome and autism	\$0	Q2.S.G	Emory University
Language learning in autism	\$0	Q1.L.C	Georgetown University
KwaZulu-Natal (KZN) Autism Study	\$51,000	Q7.J	University of KwaZulu-Natal
In-vivo imaging of neuronal structure and function in a reversible mouse model for autism.	\$0	Q2.S.D	Baylor College of Medicine
Investigation of the link between early brain enlargement and abnormal functional connectivity in autism spectrum disorders	\$0	Q2.L.A	University of Washington

Project Title	Funding	Strategic Plan Objective	Institution
Investigation of social brain circuits in mouse models of the 16p11.2 locus	\$175,000	Q2.Other	Cold Spring Harbor Laboratory
Investigation of social brain circuits and fever-evoked response in 16p11.2 mice	\$60,000	Q2.Other	Cold Spring Harbor Laboratory
Investigation of a possible role of the protocadherin gene cluster in autism	\$150,000	Q2.Other	Columbia University
Investigating the etiology of childhood disintegrative disorder	\$149,953	Q2.S.F	Yale University
Investigating the effects of chromosome 22q11.2 deletions	\$300,000	Q4.S.B	Columbia University
Investigating brain organization and activation in autism at the whole-brain level	\$0	Q2.Other	California Institute of Technology
Internet-based trial of omega-3 fatty acids for autism spectrum disorder	\$62,500	Q4.S.C	University of California, San Francisco
International Meeting for Autism Research (IMFAR) Support	\$100,000	Q7.K	International Society for Autism Research
Interactive Autism Network (IAN) core support	\$0	Q7.C	Kennedy Krieger Institute
Intelligent data capture and assessment technology for developmental disabilities	\$50,000	Q1.S.A	Caring Technologies/Southwestern Autism Research & Resource Center (SARRC)
Integrative system biology of iPSC-induced neurons for identifying novel drug targets	\$55,200	Q4.S.B	Baylor College of Medicine
Integrative genetic analysis of autistic brains	\$200,000	Q3.L.B	Johns Hopkins University School of Medicine
Integrated play groups: Promoting social communication and symbolic play with peers across settings in children with autism	\$0	Q4.S.F	San Francisco State University
Integrated approach to the neurobiology of autism spectrum disorders	\$0	Q4.S.B	Yale University
Infrastructure support for autism research at MIT	\$0	Q7.K	Massachusetts Institute of Technology
Influence of maternal cytokines during pregnancy on effector and regulatory T helper cells as etiological factors in autism	\$0	Q2.S.A	University of Medicine & Dentistry of New Jersey
Increasing variability of verbal initiations through the responses of conversation patterns	\$20,000	Q4.Other	Texas Christian University
Increasing independence and task completion in adolescents and adults with ASD using independent work systems	\$3,025	Q6.L.A	University of North Carolina at Chapel Hill
Increasing functional vocational skills in adolescents and adults with autism using behavioral economics	\$10,000	Q6.L.A	Rutgers, The State University of New Jersey
Increasing flexibility in children with autism	\$40,811	Q4.L.D	Center for Autism and Related Disorders (CARD)
Increasing autism awareness in Ethiopia: The HEAT+ project	\$100,000	Q5.L.A	The Open University

Project Title	Funding	Strategic Plan Objective	Institution
Increasing ASD screening and referral among NYC's Korean Americans	\$320,320	Q5.L.A	University of Pennsylvania
Improving maintenance procedures in early intensive behavioral intervention (EIBI)	\$29,150	Q5.L.C	Center for Autism and Related Disorders (CARD)
Improving educational identification in rural communities	\$100,000	Q5.L.C	University of Colorado Denver
Improved early detection of autism using novel statistical methodology	\$49,880	Q1.L.B	Yale University
Impact of an autism associated mutation in DACT1 on brain development and behavior	\$45,000	Q4.S.B	University of California, San Francisco
Illumina, Inc.	\$717,504	Q3.L.B	Illumina, Inc.
IL-1beta and IL1RAPL1: Gene-environment interactions regulating synapse density and function in ASD	\$28,600	Q2.S.A	University of California, Davis
Identifying the gene in 17q12 responsible for neuropsychiatric phenotypes	\$180,140	Q2.S.G	Emory University
Identifying socially-based reinforcers for young children with ASD	\$10,000	Q4.Other	University of Miami
Identifying high-impact therapeutic targets for autism spectrum disorders using rat models	\$137,173	Q4.S.B	Mount Sinai School of Medicine
Identifying genetic variants on the Y chromosome of males with autism	\$50,555	Q3.L.B	The Hospital for Sick Children
Identifying early biomarkers for autism using EEG connectivity	\$40,000	Q1.L.A	Boston Children's Hospital
Identifying disparities in access to treatment for young children with autism	\$20,000	Q5.S.A	University of Chicago
Identification of targets for the neuronal E3 ubiquitin ligase PAM	\$0	Q2.S.D	Massachusetts General Hospital
Identification of candidate serum antibody biomarkers for ASD	\$118,338	Q1.L.B	University of Texas Southwestern Medical Center
Identification of aberrantly methylated genes in autism: The role of advanced paternal age	\$0	Q3.S.J	Research Foundation for Mental Hygiene, Inc.
Identification and analysis of ASD patients with PI3K/mTOR signalopathies	\$66,500	Q2.Other	Emory University
Identical twins discordant for autism: Epigenetic (DNA methylation) biomarkers of non-shared environmental influences	\$0	Q3.S.J	King's College London
Hyperthermia and the amelioration of autism symptoms	\$66,153	Q2.S.A	Montefiore Medical Center
Hybrid social communication intervention for children with ASD: Sibling mediation and video modeling	\$59,998	Q4.Other	Portland State University
High metabolic demand of fast-spiking cortical interneurons underlying the etiology of autism	\$54,500	Q2.Other	Weill Cornell Medical College
Health-related quality of life and its determinants in adults with ASD	\$20,000	Q6.S.A	University of Mississippi

Project Title	Funding	Strategic Plan Objective	Institution
Head-fixed recording of sensory learning in mouse autism models	\$0	Q2.Other	Princeton University
Growth charts of altered social engagement in infants with autism	\$273,481	Q1.L.A	Emory University
Growing Up Aware: A parent-based sexuality intervention for children with autism spectrum disorders	\$20,000	Q4.S.H	Columbia University
Gestational exposure questionnaire validation and feasibility study	\$187,864	Q3.S.H	University of California, Davis
Georgia Tech Non-Invasive Gaze Tracking Project	\$140,347	Q1.S.B	Georgia Tech Research Corporation
Genomic profiling of autism families using whole-genome sequencing	\$129,600	Q3.L.B	Institut Pasteur
Genomic influences on development and outcomes in Infants at risk of ASD	\$0	Q3.S.A	University of Alberta
Genomic influences on development and outcomes in infants at risk for autism	\$498,341	Q3.L.B	University of Alberta
Genomic influences on developmental course and outcome in Infants at risk of ASD: A Baby Siblings Research Consortium (BSRC) Study	\$147,661	Q3.S.A	University of Alberta
Genomic imbalances at the 22q11 locus and predisposition to autism	\$0	Q4.S.B	Columbia University
Genomic hotspots of autism	\$261,033	Q3.L.B	University of Washington
Genome-wide expression profiling data analysis to study autism genetic models	\$0	Q3.S.A	University of California, Los Angeles
Genome-wide examination of DNA methylation in autism	\$149,999	Q3.S.J	Johns Hopkins University
Genome-wide analyses of DNA methylation in autism	\$60,000	Q3.S.J	Massachusetts General Hospital
Genetic studies of autism-related Drosophila neurexin and neuroligin	\$489,104	Q2.Other	University of North Carolina at Chapel Hill
Genetics and gene-environment interactions in a Korean epidemiological sample of autism	\$0	Q3.S.C	Yale University
Genetic rescue of fragile X syndrome in mice by targeted deletion of PIKE	\$0	Q2.S.D	Albert Einstein College of Medicine of Yeshiva University
Genetic model to study the ASD-associated gene A2BP1 and its target PAC1	\$62,500	Q2.Other	Weizmann Institute of Science
Genetic investigations of motor stereotypies	\$62,136	Q2.S.G	Yale University
Genetic basis of autism	\$0	Q3.L.B	Cold Spring Harbor Laboratory
Genetic and environmental interactions leading to autism-like symptoms	\$60,000	Q3.S.K	The Rockefeller University
Genetically defined stem cell models of Rett and fragile X syndrome	\$350,000	Q2.S.D	Whitehead Institute for Biomedical Research
Gender and cognitive profile as predictors of functional outcomes in school-aged children with ASD	\$30,000	Q4.S.F	Emory University Marcus Autism Center

Project Title	Funding	Strategic Plan Objective	Institution
GABAergic dysfunction in autism	\$48,000	Q2.Other	Johns Hopkins University
GABA(A) and prenatal immune events leading to autism	\$125,000	Q2.S.A	Stanford University
Function and dysfunction of neuroligins in synaptic circuits	\$750,000	Q2.Other	Stanford University
Functional study of synaptic scaffold protein SHANK3 and autism mouse model	\$150,000	Q4.S.B	Duke University
Functional brain networks in autism and attention deficit hyperactivity disorder	\$112,359	Q1.L.B	Oregon Health & Science University
Functional and anatomical recovery of synaptic deficits in a mouse model of Angelman Syndrome	\$56,000	Q2.S.D	University of North Carolina at Chapel Hill
Functional analysis of patient mutations in EPHB2, an ASD candidate gene- Project 1	\$177,512	Q2.Other	Yale University
Functional analysis of patient mutations in EPHB2, an ASD candidate gene- Core	\$62,475	Q2.Other	McLean Hospital
Functional analysis of neurexin IV in Drosophila	\$0	Q2.Other	University of California, Los Angeles
Functional analysis of EFR3A mutations associated with autism	\$156,250	Q2.Other	Yale University
Fragile X syndrome target analysis and its contribution to autism	\$134,477	Q2.S.D	The Rockefeller University
Finding recessive genes for autism spectrum disorders	\$349,999	Q3.L.B	Boston Children's Hospital
Family/genetic study of autism	\$50,000	Q1.L.A	Southwest Autism Research & Resource Center (SARRC)
Factors influencing early associative learning as a precursor to social behavior heterogeneity	\$53,000	Q2.S.G	University of Southern California
Eye movement dynamics in autism spectrum disorders	\$0	Q2.Other	Carnegie Mellon University
Extracellular signal-related kinase biomarker development in autism	\$60,889	Q1.L.B	Cincinnati Children's Hospital Medical Center - Research Foundation
Exploring metabolic dysfunction in the brains of people with autism	\$0	Q2.S.A	George Washington University
Exploration of resting-state network dynamics in autism spectrum disorders	\$0	Q4.Other	Harvard University
Expanding the reach of toddler treatment in autism	\$0	Q4.L.D	University of California, Davis
Examining vocational services for adults with autism	\$59,345	Q6.S.A	University of Calgary
Examining the Y-chromosome in autism spectrum disorder	\$175,000	Q3.L.B	The Hospital for Sick Children
Examining connectivity patterns of brain networks participating in social cognition in ASD	\$40,000	Q2.Other	San Diego State University
Evidence-based cognitive rehabilitation to improve functional outcomes for young adults with autism spectrum disorders	\$100,000	Q4.S.F	University of Pittsburgh

Project Title	Funding	Strategic Plan Objective	Institution
Evaluation of the immune and physiologic response in children with autism following immune challenge	\$0	Q3.S.E	University of California, Davis
Evaluation of the effects of web-based support on teacher self-efficacy	\$29,150	Q5.L.A	Center for Autism and Related Disorders (CARD)
Evaluation of synchronous online parent skill training	\$10,000	Q4.L.D	The Research Foundation of the State University of New York
Evaluation of a melanocortin agonist to improve social cognition in ASD.	\$74,675	Q4.L.A	University of Sydney
Evaluating hyperserotonemia as a biomarker of sensory dysfunction in autism spectrum disorder	\$28,600	Q4.S.B	Vanderbilt University
Evaluating epidemiological and biostatistical challenges in the EARLI investigation	\$40,000	Q3.L.A	Drexel University
Ethics of communicating scientific findings on autism risk	\$0	Q7.E	Drexel University School of Public Health
Estimating the economic costs of autism	\$0	Q6.L.D	London School of Economics
Estimating the economic costs of autism	\$0	Q6.L.D	University of Pennsylvania
Establishing next-generation tools for quantitative behavioral phenotyping	\$60,000	Q4.S.B	Harvard Medical School
Establishing compliance with dental procedures in children with ASD	\$10,832	Q5.L.E	Center for Autism and Related Disorders (CARD)
ERK signaling in autism associated with copy number variation of 16p11.2	\$51,290	Q2.Other	Case Western Reserve University
ERK signaling and autism: Biomarker development	\$60,000	Q1.L.B	University of California, San Francisco
Epigenetic DNA modifications in autistic spectrum disorders	\$81,811	Q3.S.J	Johns Hopkins University School of Medicine
Epidemiological study of pervasive developmental disorders in Mexico	\$0	Q7.J	McGill University
Environmental exposures measured in deciduous teeth as potential biomarkers for autism risk	\$100,000	Q3.S.B	University of Texas Health Science Center at San Antonio
Enhancing neurobehavioural and clinical definitions in autism spectrum disorders	\$28,000	Q2.Other	Monash University
Engineering and Autism Workshop	\$5,000	Q7.K	University of Southern California
Endosomal NHE6 in long-range connectivity and autism	\$62,500	Q2.Other	Brown University
Emergent communication skills of nonverbal children with autism facilitated by relational responding	\$58,094	Q4.S.G	Swansea University
Embodied rhythm interventions for children with autism spectrum disorders	\$60,000	Q4.S.C	University of Connecticut
Elucidation and rescue of amygdala abnormalities in the Fmr1 mutant mouse model of fragile X syndrome	\$150,000	Q2.S.D	George Washington University



Project Title	Funding	Strategic Plan Objective	Institution
Elevated urinary P-cresol in small autistic children: Origin and consequences	\$20,000	Q3.S.I	Universita Campus Bio-Medico di Roma
Electrophysiologic biomarkers of language function in autism spectrum disorders	\$28,600	Q2.L.B	University of California, Los Angeles
Electrophysiological and behavioral outcomes of Auditory Integration Training (AIT) in autism	\$10,000	Q4.S.C	University of Louisville
Electrophysiological, metabolic and behavioral markers of infants at risk	\$273,152	Q1.L.A	Boston Children's Hospital
Efficacy of N-acetyl cysteine in autism	\$146,553	Q4.S.C	Deakin University
Effects of self-generated experiences on social cognitive development in young children with autism	\$149,967	Q4.S.F	Kennedy Krieger Institute
Effects of oxytocin receptor agonists in mouse models of autism spectrum disorder phenotypes	\$48,500	Q4.S.B	University of North Carolina at Chapel Hill
Effects of active motor & social training on developmental trajectories in infants at high risk for ASD	\$40,000	Q4.Other	Kennedy Krieger Institute
Effect of abnormal calcium influx on social behavior in autism	\$156,250	Q4.S.B	University of California, San Francisco
Effectiveness of sensory based strategies for improving adaptive behaviors in children with autism	\$0	Q4.S.C	Thomas Jefferson University
Effectiveness of reciprocal imitation training for adolescents with low-functioning autism	\$0	Q4.L.D	Michigan State University
Economic burden of current and future autism	\$60,000	Q6.L.D	University of California, Davis
Early life environmental exposures and autism in an existing Swedish birth cohort	\$149,995	Q3.S.H	Drexel University
Early intervention professional development: Evidenced-based practices and program quality	\$200,000	Q5.L.A	University of North Carolina at Chapel Hill
Early intervention in an underserved population	\$73,219	Q4.L.D	University of Michigan
Early expression of autism spectrum disorder in experimental animals	\$0	Q2.Other	Neurochlore
Dynamics of cortical interactions in autism spectrum disorders	\$0	Q1.L.A	Cornell University
Double masked placebo controlled trial of cholesterol in hypocholesterolemic ASD	\$0	Q4.S.C	Kennedy Krieger Institute
Double-blind placebo controlled trial of subcutaneous methyl B12 on behavioral and metabolic measures in children with autism	\$0	Q4.S.C	University of California, Davis
Dissemination of multi-stage screening to underserved culturally-diverse families	\$0	Q1.S.C	University of Massachusetts, Boston
Dissecting the circuitry basis of autistic-like behaviors in mice	\$350,000	Q4.S.B	Massachusetts Institute of Technology
Dissecting expression regulation of an autism GWAS hit	\$30,000	Q3.L.B	University of California, San Francisco

Project Title	Funding	Strategic Plan Objective	Institution
Direct recording from autism brains	\$60,074	Q2.S.E	California Institute of Technology
Development of brain connectivity in autism	\$0	Q2.Other	New York School of Medicine
Development of a transportation skills assessment tool for individuals with ASD to aid in finding safe and accessible community transportation services	\$18,221	Q6.L.A	Rutgers, The State University of New Jersey
Development of a connectomic functional brain imaging endophenotype of autism	\$0	Q2.Other	University of Cambridge
Development and refinement of diagnostic instruments for use with adults with ASD	\$0	Q6.S.C	University of Michigan
Developmental neurogenetics in adolescents with autism	\$124,769	Q2.S.G	Yale University
Developmental and augmented intervention for facilitating expressive language	\$0	Q4.S.G	University of California, Los Angeles
Developing fNIRS as a brain function indicator in at-risk infants	\$205,199	Q1.L.A	Birkbeck College
Developing a new model system to study mechanisms of attention control	\$0	Q4.S.B	Stanford University
Design and evaluation of a motion-sensing computer program for teaching children with autism	\$58,301	Q4.L.D	Center for Autism and Related Disorders (CARD)
Desensitization techniques for difficult behaviors	\$50,000	Q4.Other	Southwest Autism Research & Resource Center (SARRC)
Deployment focused model of JASPER for preschoolers with autism spectrum disorders	\$0	Q4.L.D	University of California, Los Angeles
Defining the underlying biology of gastrointestinal dysfunction in autism	\$0	Q3.S.I	University of California, Davis
Defining cells and circuits affected in autism spectrum disorders	\$336,872	Q2.Other	The Rockefeller University
Deficits in tonic inhibition and the pathology of autism spectrum disorders	\$156,250	Q4.S.B	Tufts University
Deciphering the function and regulation of AUTS2	\$0	Q2.Other	University of California, San Francisco
Daily ratings of ASD Symptoms with digital media devices: An initial validity study	\$150,000	Q4.S.C	University of California, Los Angeles
Cryptic chromosomal aberrations contributing to autism	\$70,524	Q3.L.B	Massachusetts General Hospital
Creating a more effective path to housing for people with ASD	\$20,000	Q6.Other	Westchester Institute for Human Development
Corticothalamic circuit interactions in autism	\$250,000	Q2.Other	Boston Children's Hospital
Coordinated control of synapse development by autism-linked genes	\$0	Q2.S.D	University of Texas Southwestern Medical Center
Convergence of immune and genetic signaling pathways in autism and schizophrenia	\$0	Q2.S.A	University of California, Davis
Control of synaptic protein synthesis in the pathogenesis and therapy of autism	\$294,937	Q4.S.B	Massachusetts General Hospital

Project Title	Funding	Strategic Plan Objective	Institution
Comprehensive phenotypic characterization of the 17q12 deletion syndrome	\$62,500	Q2.S.G	Weis Center for Research - Geisinger Clinic
Comprehensive parent-mediated intervention for children with autism in southern Taiwan	\$100,000	Q4.S.D	Johns Hopkins University
Comparing AMMT vs. Control Therapy in facilitating speech output in nonverbal children with autism	\$0	Q4.S.G	Beth Israel Deaconess Medical Center
Community-based study of autism spectrum disorders among 7-9 y old children in rural Bangladesh	\$196,051	Q3.L.D	Johns Hopkins University
Cognitive behavioral therapy for core autism symptoms in school-age children	\$0	Q4.L.D	University of California, Los Angeles
CLARITY: circuit-dynamics and connectivity of autism-related behavior	\$124,320	Q2.Other	Stanford University
Children with 7q11.23 duplication syndrome: shared characteristics with autism	\$125,000	Q2.S.G	University of Louisville
Characterizing the regulatory pathways and regulation of AUTS2	\$57,964	Q2.Other	University of California, San Francisco
Characterizing sleep disorders in autism spectrum disorder	\$225,081	Q2.S.E	Stanford University
Characterizing autism-related intellectual impairment and its genetic mechanisms	\$59,443	Q1.S.B	The Children's Hospital of Philadelphia
Characterizing ASD phenotypes by multimedia signal and natural language processing	\$0	Q1.L.C	Columbia University
Characterization of the sleep phenotype in adolescents and adults with autism spectrum disorder	\$150,000	Q2.S.E	Vanderbilt University
Characterization of synaptic and neural circuitry dysfunction underlying ASD-like behaviors using a novel genetic mouse model	\$0	Q4.S.B	Duke University
Characterization of infants and toddlers with the 16p copy-number variation	\$190,766	Q2.S.G	Boston Children's Hospital
Cerebellar signaling in mouse models of autism	\$125,000	Q4.S.B	Northwestern University
Cerebellar plasticity and learning in a mouse model of autism	\$156,250	Q2.Other	University of Chicago
Cellular and molecular pathways of cortical afferentation in autism spectrum disorders	\$0	Q4.S.B	University of Geneva
Cell type-specific profiling for autism spectrum disorders	\$120,000	Q4.S.B	Columbia University
Canonical neural computation in autism spectrum disorders	\$365,741	Q2.Other	New York University
Building awareness of the value of brain tissue donation for autism research	\$90,120	Q2.S.C	Autism Science Foundation
Brain mitochondrial abnormalities in autism	\$20,000	Q2.S.A	New York State Institute for Basic Research in Developmental Disabilities
Brain electrophysiology of interactive social stimuli	\$52,984	Q2.Other	Yale University

Project Title	Funding	Strategic Plan Objective	Institution
Brain-behavior interactions and visuospatial expertise in autism: a window into the neural basis of autistic cognition	\$0	Q2.Other	Hospital Riviere-des-Praires, University of Montreal, Canada
Brain-behavior growth charts of altered social engagement in ASD infants	\$431,189	Q1.L.A	Yale University
Biomarkers and diagnostics for ASD	\$149,600	Q1.S.A	Institute of Biotechnology
Bioinformatics support for AGRE	\$422,519	Q7.D	Autism Speaks (AS)
Bi-directional regulation of Ube3a stability by cyclic AMP-dependent kinase	\$60,000	Q2.S.D	University of North Carolina at Chapel Hill
Behavioral and psycho-physiological study of attentional, perceptual, and emotional processing after treatment with ambient prism lenses and visuo-motor exercises in children with autism spectrum disorder	\$0	Q4.S.C	University of Louisville
Behavioral and physiological consequences of disrupted Met signaling	\$400,000	Q4.S.B	University of Southern California
Behavioral and neural underpinnings of learning in autism predict response to intervention	\$48,000	Q4.S.F	Weill Cornell Medical College
Behavioral and neural responses to emotional faces in individuals with ASD	\$14,935	Q2.Other	Harvard University
Behavioral and neural correlates of reward motivation in children with autism spectrum disorders	\$0	Q2.Other	University of North Carolina at Chapel Hill
Behavioral and cognitive characteristics of females and males with autism	\$60,000	Q2.S.B	Cleveland Clinic Foundation
Banbury Center Conference	\$10,000	Q7.K	Cold Spring Harbor Laboratory
Baby Siblings Research Consortium	\$50,000	Q1.S.B	Autism Speaks (AS)
Autism Treatment Network (ATN) 2011- Vanderbilt University	\$0	Q7.N	Vanderbilt University
Autism Treatment Network (ATN) 2011- U of Pittsburgh	\$0	Q7.N	University of Pittsburgh
Autism Treatment Network (ATN) 2011- University of Rochester	\$0	Q7.N	University of Rochester
Autism Treatment Network (ATN) 2011- University of Missouri	\$0	Q7.N	University of Missouri
Autism Treatment Network (ATN) 2011- University of Colorado Denver	\$0	Q7.N	Children's Hospital Colorado
Autism Treatment Network (ATN) 2011-Toronto Consortium	\$0	Q7.N	Holland Bloorview Kids Rehabilitation Hospital
Autism Treatment Network (ATN) 2011- OHSU	\$0	Q7.N	Oregon Health & Science University
Autism Treatment Network (ATN) 2011- Nationwide Children's Hospital	\$0	Q7.N	Nationwide Children's Hospital
Autism Treatment Network (ATN) 2011 - MGH Clinical Coordinating Center	\$0	Q7.N	Massachusetts General Hospital

Project Title	Funding	Strategic Plan Objective	Institution
Autism Treatment Network (ATN) 2011- MGH/LADDERS	\$0	Q7.N	Massachusetts General Hospital
Autism Treatment Network (ATN) 2011- KKI	\$0	Q7.N	Kennedy Krieger Institute
Autism Treatment Network (ATN) 2011- Glenrose Rehabilitation Hospital	\$0	Q7.N	University of Alberta
Autism Treatment Network (ATN) 2011- Columbia University	\$0	Q7.N	Columbia University
Autism Treatment Network (ATN) 2011 - Cincinnati Children's Hospital Medical	\$0	Q7.N	Cincinnati Children's Hospital Medical Center
Autism Treatment Network (ATN) 2011- CHOP	\$0	Q7.N	Children's Hospital of Philadelphia
Autism Treatment Network (ATN) 2011- Children's Hospital Los Angeles	\$0	Q7.N	Children's Hospital Los Angeles
Autism Treatment Network (ATN) 2011- BCM/TCH	\$0	Q7.N	Baylor College of Medicine
Autism Treatment Network (ATN) 2011- Arkansas	\$0	Q7.N	University of Arkansas for Medical Sciences
Autism Treatment Network (ATN)	\$1,721,387	Q7.N	Autism Speaks (AS)
Autism Tissue Program (ATP)	\$560,220	Q7.D	Autism Speaks (AS)
Autism spectrum disorders –inflammatory subtype: Molecular characterization	\$30,000	Q2.S.A	University of Medicine & Dentistry of New Jersey
Autism spectrum disorders and the visual analysis of human motion	\$0	Q2.Other	Rutgers, The State University of New Jersey
Autism spectrum disorder and autoimmune disease of mothers	\$137,219	Q3.S.E	The Feinstein Institute for Medical Research
Autism phenotypes in Tuberous Sclerosis: Risk factors, features & architecture	\$149,881	Q2.S.D	King's College London
Autism Genome Project Consortium data reanalysis using computational biostatistics	\$60,000	Q3.L.B	The Rockefeller University
Autism Genome Project (AGP) Core Consortium	\$0	Q3.L.B	Nationwide Children's Hospital
Autism Genome Project (AGP) Core Consortium	\$0	Q3.L.B	University of Pittsburgh
Autism Genome Project (AGP): Genome sequencing and analysis supplement	\$50,000	Q3.L.B	The Hospital for Sick Children
Autism Genome Project (AGP)	\$10,000	Q3.L.B	Autism Speaks (AS)
Autism Genetic Resource Exchange (AGRE)	\$1,036,843	Q7.D	Autism Speaks (AS)
Autism Consortium	\$750,346	Q7.N	Autism Consortium
Autism and the RASopathies	\$60,000	Q1.S.B	University of California, San Francisco
Autism and the insula: Genomic and neural circuits	\$254,696	Q2.Other	California Institute of Technology
Autism and Developmental Disabilities Monitoring Network augmentation with screening and assessment	\$275,000	Q7.I	Medical University of South Carolina
Autism, GI symptoms and the enteric microbiota	\$87,642	Q3.S.I	The Research Foundation of the State University of New York at Stony Brook

Project Title	Funding	Strategic Plan Objective	Institution
Atypical architecture of prefrontal cortex in young children with autism	\$335,103	Q2.Other	University of California, San Diego
Attention & word learning in children with ASD- Translating experimental findings into intervention	\$50,600	Q2.Other	Women & Infants Hospital
A study of autism	\$162,232	Q2.L.B	University of Pennsylvania
A stem cell based platform for identification of common defects in autism spectrum disorders	\$0	Q2.S.D	The Scripps Research Institute - California
Association of cholinergic system dysfunction with autistic behavior in fragile X syndrome: Pharmacologic and imaging probes	\$92,469	Q4.L.A	Stanford University
Assessing the accuracy of rapid phenotyping of nonverbal autistic children	\$0	Q1.S.A	Kennedy Krieger Institute
Assessing sleep regulation, sleep-dependent memory consolidation, and sleep-dependent synaptic plasticity in mouse genetic models of schizophrenia and autism spectrum disorders	\$45,000	Q2.S.E	University of Pennsylvania
A sex-specific dissection of autism genetics	\$0	Q2.S.B	University of California, San Francisco
ASD prevalence by DSM-IV and DSM-5: Total population study	\$44,660	Q1.Other	Nathan Kline Institute
ARTI: The Autism Research & Training Initiative in India	\$0	Q7.J	Sangath
A probiotic therapy for autism	\$62,500	Q4.S.B	California Institute of Technology
A preliminary investigation of the neurobehavioral basis of sensory behavior in autism	\$10,000	Q2.Other	Kennedy Krieger Institute
Applying participatory design to develop technology (ITA Course)	\$0	Q5.L.A	University of Haifa
Anxiety treatment for children with autism and intellectual disability	\$26,040	Q4.S.A	University of California, Los Angeles
A novel transplantation assay to study human PTEN ASD alleles in GABAergic interneurons	\$60,000	Q2.Other	University of California, San Francisco
A novel parent directed intervention to enhance language development in nonverbal children with ASD	\$0	Q4.S.G	University of California, Los Angeles
A non-interactive method for teaching noun and verb meanings to young children with ASD	\$59,986	Q4.Other	Boston University
A non-human primate autism model based on maternal infection	\$0	Q2.S.A	California Institute of Technology
Annual SFARI Meeting	\$411,802	Q7.K	N/A
Analysis of developmental interactions between reelin haploinsufficiency, male sex, and mercury exposure	\$0	Q3.S.K	Universita Campus Bio-Medico di Roma
A multi-site double-blind placebo-controlled trial of memantine vs. placebo in children with autism	\$0	Q4.L.A	Holland Bloorview Kids Rehabilitation Hospital
A multidimensional database for the Simons Simplex Collection	\$88,188	Q7.Other	Univeristy of California, Los Angeles

Project Title	Funding	Strategic Plan Objective	Institution
A mouse model for human chromosome 7q11.23 duplication syndrome	\$0	Q4.S.B	University of Toronto
Alterations in brain-wide neuroanatomy in autism mouse models	\$300,000	Q2.Other	Cold Spring Harbor Laboratory
A genome-wide search for autism genes in the SSC Vanderbilt	\$300,000	Q3.L.B	Vanderbilt University Medical Center
A genome-wide search for autism genes in the SSC UIC	\$48,419	Q3.L.B	University of Illinois at Chicago
A genome-wide search for autism genes in the SSC UCLA	\$100,000	Q3.L.B	University of California, Los Angeles
A genome-wide search for autism genes in the SSC Pittsburgh	\$50,000	Q3.L.B	University of Pittsburgh
A genome-wide search for autism genes in the SSC Emory	\$72,524	Q3.L.B	Emory University
A genome-wide search for autism genes in the SSC CHB	\$50,000	Q3.L.B	Boston Children's Hospital
A genome-wide search for autism genes in the SSC Brown	\$50,000	Q3.L.B	Brown University
A genome-wide search for autism genes in the SSC Baylor	\$20,344	Q3.L.B	Baylor College of Medicine
A genome-wide search for autism genes in the Simons Simplex Collection	\$415,782	Q3.L.B	Yale University
A functional genomic analysis of the cerebral cortex	\$256,413	Q2.Other	University of California, Los Angeles
Adverse prenatal environment and altered social and anxiety-related behaviors	\$45,000	Q4.S.B	University of Pennsylvania
Advanced parental age and autism: The role of aneuploidy and uniparental disomy in ASD pathogenesis	\$0	Q3.S.A	Albert Einstein College of Medicine of Yeshiva University
A cerebellar mutant for investigating mechanisms of autism in Tuberous Sclerosis	\$149,958	Q2.S.D	Boston Children's Hospital
A centralized standard database for the Baby Siblings Research Consortium	\$0	Q7.C	University of California, Davis
Accelerating Autism Research through the Interactive Autism Network (IAN Core)	\$100,000	Q7.C	Kennedy Krieger Institute
Abnormal connectivity in autism	\$30,000	Q2.Other	University of California, Los Angeles
Aberrant synaptic form and function due to TSC-mTOR-related mutation in autism spectrum disorders	\$300,000	Q2.S.D	Columbia University
5-Hydroxymethylcytosine-mediated epigenetic regulation in autism spectrum disorders	\$60,000	Q3.S.J	Emory University
5-hydroxymethylcytosine-mediated epigenetic regulation in autism	\$100,000	Q3.S.J	Emory University
3 Tesla 31Phosphorus magnetic resonance spectroscopy in disorder with abnormal bioenergetics	\$3,250	Q2.Other	Massachusetts General Hospital

Project Title	Funding	Strategic Plan Objective	Institution
20-year outcome of autism	\$149,964	Q2.L.A	University of Utah
16p11.2 deletion mice: autism-relevant phenotypes and treatment discovery	\$200,000	Q4.S.B	University of California, Davis
16p11.2 deletion mice: Autism-relevant phenotypes and treatment discovery	\$200,000	Q4.S.B	Stanford University
16p11.2: defining the gene(s) responsible	\$350,000	Q4.S.B	Cold Spring Harbor Laboratory



